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1 [Index nesting – an efficient approach to indexing in object-oriented databases](#)
 Beng Chin Ooi, Jiawei Han, Hongjun Lu, Kian Lee Tan
 August 1996 **The VLDB Journal — The International Journal on Very Large Data B**
Publisher: Springer-Verlag New York, Inc.
 Full text available: [Pdf](#) (455.77 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [in](#)
Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 28, Downloads (Overall): 26

In object-oriented database systems where the concept of the superclass-subclass is a subclass is also an instance of its superclass. Consequently, the access scope of a class general includes the access scope ...

Keywords: Indexing structures, OODB, Query retrieval

2 [Concurrent meld](#)

G. E. Kaiser
 April 1989 [Proceedings of the 1988 ACM SIGPLAN workshop on Object-based concurrent meld](#)
Publisher: ACM
 Full text available: [Pdf](#) (293.04 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [in](#)
Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 11, Downloads (Overall): 56

Our original goal was to design a programming language for writing software engineer most important requirements were reusability and the ability to integrate separately different objects. The access scope was later expanded to general ...

Also published in:

April 1989 **SIGPLAN Notices** Volume 24 Issue 4

3 [Objects modelling](#)

Sylvia Osborn
 September 1986 **ODS '86: Proceedings on the 1986 international workshop on Object-oriented systems**
Publisher: IEEE Computer Society Press
 Full text available: [Pdf](#) (104.49 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [in](#)
Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 30, Downloads (Overall): 12

The points raised here are based on experience with RAD [Os86], an experimental reimplementation of the ODS system which allows the definition of arbitrary abstract data types and arbitrary operations, for example, objects can have methods with parameters of type objects. The comments below fall into two categories: ...

4 [View updates in relational databases with an independent scheme](#)

Rom Langerak
 March 1990 **Transactions on Database Systems (TODS)**, Volume 15 Issue 1

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (2.28 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 33, Downloads (Overall): 35

A view on a database is a mapping that provides a user or application with a suitable data. Updates specified on a view have to be translated into updates on the underlying view update translation problem ...

5 Solution of parallel language equations for logic synthesis

Nina Yevtushenko, Tiziano Villa, Robert K. Brayton, Alex Petrenko, Alberto L. Sangiovanni-Vincentelli
November 2001 **ICCAD '01**: Proceedings of the 2001 IEEE/ACM international conference on Design automation

Publisher: IEEE Press

Full text available:  Pdf (166.23 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 15, Downloads (Overall): 10

The problem of designing a component that combined with a known part of a system overall specification arises in several applications ranging from logic synthesis to the controllers. We cast the problem as solving ...

6 The cell probe complexity of dynamic data structures

 M. Fredman, M. Saks

February 1989 **STOC '89**: Proceedings of the twenty-first annual ACM symposium on Theory of computing

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (1.23 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 100, Downloads (Overall): 6

Dynamic data structure problems involve the representation of data in memory in such a way that certain types of modifications of the data (updates) and certain types of questions about the data can be answered efficiently. This paradigm encompasses many fundamental ...

7 Expressing business rules

 Ronald G. Ross

June 2000 **SIGMOD '00**: Proceedings of the 2000 ACM SIGMOD international conference on Management of data

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (24.26 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 98, Downloads (Overall): 6

Point-and-Click Expression Builders, for instance limits and type consistency. Structuring complex restrictions and logical inferences. Entity Life History or State Transition Diagrams ...

Also published in:

June 2000 **SIGMOD Record** Volume 29 Issue 2

8 A framework for efficient reuse of binary code in Java

 Pramod G. Jolsha, Samuel P. Midkiff, Mauricio J. Serrano, Manish Gupta

June 2001 **ICS '01**: Proceedings of the 15th international conference on Supercomputing

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (419.49 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 43, Downloads (Overall): 38

This paper presents a compilation framework that enables efficient sharing of executable

Java Virtual Machine (JVM) instances. High-performance JVMs rely on run-time compilation cannot handle many dynamic ...

9 Distributed form management

 Heikki Hämäläinen, Eero Eloranta, Jari Alasuvanto

January 1990 **Transactions on Information Systems (TOIS)**, Volume 8 Issue 1

Publisher: ACM 

Full text available:  Pdf (2.24 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 26, Downloads (Overall): 1

An open architecture for distributed form management is described. The model employs a uniform entity describing organizational units as well as individual users as entities with uniform extensibility. The entity is represented by an autonomous ...

10 Object-oriented data models and management of CAD databases

Mohammad A. Ketabchi

September 1986 **OODS '86: Proceedings on the 1986 international workshop on Object-oriented systems**

Publisher: IEEE Computer Society Press

Full text available:  Pdf (205.13 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 39, Downloads (Overall): 24

Effective management of object-oriented databases requires database management systems that support Object-Oriented Data Models (OODM) which are integrations of concepts from Functional Data Models (FDM), Semantic Data Models (SDM), and the actor model of ...

11 Flexible control of downloaded executable content

 Trent Jaeger, Atul Prakash, Jochen Liedtke, Nayeem Islam

May 1999 **Transactions on Information and System Security (TISSEC)**, Volume 2

Publisher: ACM 

Full text available:  Pdf (297.79 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 87, Downloads (Overall): 7

We present a security architecture that enables system and application access control enforcement on applications composed from downloaded executable content. Downloaded content consists of messages downloaded from remote ...

Keywords: access control models, authentication, authorization mechanisms, collaboration, access control

12 Verdantium towards a Java-enabled compound document model (poster session)

 Thornton Green

January 2000 **OOPSLA '00: Addendum to the 2000 proceedings of the conference on Object-oriented programming, systems, languages, and applications (Addendum)**

Publisher: ACM 

Full text available:  Pdf (22.80 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 14, Downloads (Overall): 1

Java Beans provides a robust mechanism for combining software components. However, Java Beans components are currently not being combined to create documents in an environment such as a word processor or illustration program. This is ...

13 A database model for object dynamics

M. P. Papazoglou, B. J. Krämer

May 1997 **The VLDB Journal — The International Journal on Very Large Data B**
Publisher: Springer-Verlag New York, Inc.

Full text available:  Pdf (313.64 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 60, Downloads (Overall): 34

To effectively model complex applications in which constantly changing situations can database system must be able to support the runtime specification of structural and I objects on an individual or group basis. ...

Keywords: Dynamic class hierarchy, Dynamic object re-classification, Object migration, Object-oriented database systems

14 Dealing with disparate audiences in computer science courses using a project gr



R. Waldo Roth, Arthur White

February 1987 **SIGCSE '87: Proceedings of the eighteenth SIGCSE technical symposium on computer science and education**

Publisher: ACM 

Full text available:  Pdf (473.03 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index](#)

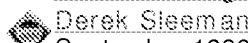
Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 5, Downloads (Overall): 73

A frequent problem in advanced computer science courses is having students enrolled whose backgrounds range from upper division students with significant work experience to students who have completed only a few computer science courses. ...

Also published in:

February 1987 **SIGCSE Bulletin** Volume 19 Issue 1

15 The challenges of teaching computer programming



September 1986 **Communications of the ACM**, Volume 29 Issue 9

Publisher: ACM 

Full text available:  Pdf (170.35 KB)

Additional Information: [full citation](#), [abstract](#), [cited by](#), [index](#)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 122, Downloads (Overall): 20

Programming has been described by many authors as the new Latin of the school syllabus. It is a whetstone for developing minds. As such, it was assumed that students would develop their problem solving skills through learning programming. ...

16 An auxiliary user location strategy employing forwarding pointers to reduce network traffic

Ravi Jain, Yi-Bing Lin

June 1995 **Wireless Networks**, Volume 1 Issue 2

Publisher: Kluwer Academic Publishers

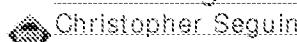
Full text available:  Pdf (1.40 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 30, Downloads (Overall): 29

We propose an auxiliary strategy, called per-user forwarding, for locating users who are using mobile stations while using Personal Communications Services (PCS). The forwarding strategy augments the location strategy proposed in existing standards ...

17 Refactoring tool challenges in a strongly typed language (poster session)



January 2000 **OOPSLA '00: Addendum to the 2000 proceedings of the conference on Object-oriented programming, systems, languages, and applications (Addendum)**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf \(24.08 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 18, Downloads (Overall): 20

This poster examines the challenges of developing a refactoring tool for a weakly typed language such as Smalltalk as opposed to a strongly typed language such as Java. To explore this, we field refactoring in each language. ...

18 [Thoughts on database research: A user perspective](#)

 [Kurt Ingenthalen](#)

December 1987 **SIGMOD '87:** Proceedings of the 1987 ACM SIGMOD international conference on Management of data

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf \(103.60 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 30, Downloads (Overall): 15

The future of computer aided design is in object oriented programming. If the databases will participate in this future, it must reexamine some basic assumptions about the architecture of systems. Database system functionality can ...

Also published in:

December 1987 **SIGMOD Record** Volume 16 Issue 3

19 [Information-dependent games: can common sense be common knowledge?](#)

 [Itzhak Gilboa, David Schmeidler](#)

March 1988 **TARK '88:** Proceedings of the 2nd conference on Theoretical aspects of reasoning about knowledge

Publisher: Morgan Kaufmann Publishers Inc.

Full text available:  [Pdf \(140.15 KB\)](#)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 11, Downloads (Overall): 82

This paper attempts to study the consistency of several basic game-theoretic axioms. It shows that these: <u>common knowledge</u> (CK) and <u>common sense</u> (CS). Common sense is a concept that the game itself and all other agents share. ...

20 [Implementation implications of Ada generics](#)

 [Gary Bray](#)

September 1983 **SI GAda Ada Letters**, Volume III Issue 2

Publisher: ACM

Full text available:  [Pdf \(488.61 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 15, Downloads (Overall): 94

Generic program units as defined in Ada pose several important design issues for compiler analysis and in runtime implementation. Chief among these issues are separate compilation and the sharing of code among several ...

[Result](#)

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